

SECTION 28

BRIDGE LIGHTING

1.28.1 GENERAL REQUIREMENTS

- (a) The Department's Traffic Signal and Safety Engineering Unit will determine the need for lighting (or provisions for future lighting) on an individual project/structure basis.
- (b) When preliminary bridge plans are submitted in accordance with Section 7 of this Manual, one copy of the General Plan and Elevation sheet will be submitted to the Traffic Signal and Safety Engineering Unit for review of the bridge plan and noting of the electrical requirements thereon.
- (c) If light standards are to be located on the bridge as part of the project (or in a future contract), provisions shall be made in the parapet for a concrete boss with the circle of anchor bolts embedded therein.
- (d) A 815 millimeter high parapet and an 865 millimeter barrier require a 292 millimeter bolt circle.
- (e) Light standards shall not be located in the midspan range. They shall be located as near to a support as practical to reduce the effect of vibrations caused by live load.